

18. An isolated polypeptide having an amino acid sequence of any one of SEQ ID NOs: 2, 10, 16 or 55.

25. A vaccine composition comprising a polypeptide having at least 95% identity along the full length of a second polypeptide, said second polypeptide having an amino acid sequence of any one of SEQ ID NOs: 2, 10, 16 or 55, wherein said polypeptide elicits a protective antistreptococcal immune response in an individual when administered to the individual, and a pharmaceutically acceptable adjuvant.

32. The isolated polypeptide of claim 16, said isolated polypeptide having an amino acid sequence of any one of SEQ ID NOs: 2, 10, 16 or 55.

33. The vaccine composition of claim 25, said polypeptide having an amino acid sequence of any one of SEQ ID NOs: 2, 10, 16 or 55.

34. The vaccine composition of claim 25, wherein the polypeptide lacks an N-terminal methionine residue.

35. The vaccine composition of claim 25, wherein the secretory amino acid sequence of the polypeptide is deleted.

Please add the following new claims:

38. (New) The isolated polypeptide of claim 16, wherein the immune response comprises the production of antistreptococcal antibodies by the individual.
39. (New) The isolated polypeptide of claim 16, wherein the individual is a human, a mouse or a rat.
40. (New) The vaccine composition of claim 25, wherein said adjuvant is selected from the group consisting of Freund's complete adjuvant, Freund's incomplete adjuvant, $\text{AlK}(\text{SO}_4)_2$, $\text{AlNa}(\text{SO}_4)_2$, $\text{AlNH}_4(\text{SO}_4)_2$, silica, kaolin, carbon polynucleotides, QuilA and Alhydrogel.
41. (New) The isolated polypeptide of claim 16, said polypeptide having at least a 99% identity along the full length of said second polypeptide.
42. (New) The vaccine composition of claim 25, said polypeptide having at least a 99% identity along the full length of said second polypeptide.

REMARKS

Favorable reconsideration of the subject application, in view of the amendments above and comments below, is respectfully requested.

Claims 16, 18-20, 25, and 32-35 have been amended to recite SEQ ID NOs:2, 10, 16 and 55, all for elected polypeptides of BVH-3. SEQ ID NO:2 is the sequence for